

Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	Structure of benzene is	A. Tetrahedral B. Trigonal planar C. Hexagonal planar D. Linear
2	Benzene molecule is made up of.	A. 3- pi and 9 sigma bonds B. 6- pi and 6 sigma bonds C. 6 -pi and 12 sigma bonds D. 4 -pi and 12 sigma bonds
3	Cyclic structure of benzene was proposed by	A. Dewar B. Faraday C. Down D. Kekule
4	Effect of substituent on benzene ring is due to	A. Resonance B. Inductive effect C. Both a and b D. Neither a nor b
5	Biphenyl is	A. Monocyclic aromatic compound B. Polycyclic aromatic compound C. Polycyclic fused ring compound D. Alicyclic compound
6	The number of possible isomers of xylene are	A. 2 B. 3 C. 4 D. 5
7	The conversion of n-hexane into benzene by heating in the presence of Pt is called	A. Isomerization B. Aromatization C. Dealkylation D. Rearrangement
8	Aromatic compounds burn with sooty flame because.	A. They have high percentage of hydrogen B. They have a right structure C. They have high percentage of carbon D. They resist reaction with air
9	Which compound is the more reactive	A. Benzene B. Ethene C. Ethane D. Ethyne
10	Among the following the compound that can be most readily sulfonated is.	A. Toluene B. Benzene C. Nitrobenzene D. Chlorobenzene
11	Benzene can not undergo.	A. Substitution reactions B. Addition reactions C. Oxidation reactions D. Elimination reactions
12	Aromatic hydrocarbons are the derivatives of	A. Normal series of paraffins B. Alkene C. Benzene D. Cyclohexane
13	The benzene molecule contains.	A. Three double bonds B. Two double bonds C. One double bond D. Delocalized sigma electron charge
14	Which alkyne reacts with water and forms aldehyde	A. Ethyne B. Propyne C. 1- Butyne D. 2- Butyne
15	Ethyne on oxidation with strong alkaline KMnO_4 changes to	A. Ethyl alcohol B. Acetaldehyde C. Vinyl alcohol

D. Glyoxal

16 Which has reddish brown colour.

- A. silver acetylide
- B. Copper acetylide
- C. BaSO₄
- D. Aqueous KMnO₄ solution

17 The number of acidic hydrogen present in 1- Propyne is

- A. 1
- B. 2
- C. 3
- D. 4